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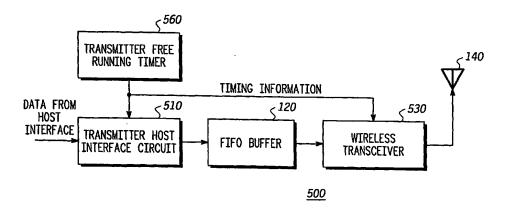
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(54) Title: SYNCHRONIZATION OF DATA STREAMS OVER A WIRELESS NETWORK



(57) Abstract: A transmitter (500) is provided for transmitting host data over a wireless channel. The transmitter (500) includes a free-running timer (560) that provides a series of increasing free-running timing values; a host interface circuit (510) that receives host data from a local host circuit and a first free-running timing value from the series of increasing free-running timing values; a detection circuit (530) for detecting a global synchronizing event and receiving a second free-running timing value from the series of increasing free-running timing values, and for placing the host data and the first free-running timing value into a host interface packet; and a wireless transceiver (530) for adding the second free-running timing value and an identifier for the global synchronizing event to the host interface packet to form an air link frame, and transmitting the air link frame over a wireless channel to a remote wireless device.

